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Take-off apparatus for plastic tubular sheets

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Abstract

Take-off equipment for tubular sheets are provided for plastic film produced by an extruder with a stationary blowing head. Collapsing boards collapse the tubular sheet with expanded circular cross section, and stationary conveying equipment transports the collapsed tubular sheet to stationary wind-up equipment. A reversing system with at least one deflecting roller and at least one turning bar is pivotably supported between the collapsing boards and the stationary conveying equipment. The reversing system includes at least two turntables which are at a distance from one another vertically corresponding to the at least one deflecting roller and the at least one turning bar. The turntables lie with their centers in a central vertical axis of the equipment and can be driven in a reversing manner each over a planet wheel to different turning angles. The planet wheels are constructed in each case as open planetary gears with the associated turntable having a sun wheel. The cross members carrying the respective planet wheel are combined into a common gearing bridge, and the gearing bridge forms a swiveling frame in which the turntables as well as the deflecting rollers and the turning bars are supported

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